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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/768,101	01/23/2001	Christopher Lockton Brandin	NEO-0004	9645

7590 08/10/2004

Law Office of Dale B. Halling, LLC
Suite 311
24 S. Weber Street
Colorado Springs, CO 80903

EXAMINER

JUNG, DAVID YIUK

ART UNIT	PAPER NUMBER
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2134

DATE MAILED: 08/10/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/768,101

Applicant(s)

BRANDIN ET AL.

Examiner

David Y Jung

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 23 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on 23 January 2001 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

CLAIMS PRESENTED

Claims 1-22 are presented.

CLAIM REJECTIONS

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over <http://www.xml.com/pub/a/2000/01/10/perlwebtools.html> (authored by Hampton, hereinafter "Hampton").

Regarding claim 1, Hampton teaches "1.A method of performing a ... of a numerical DOM, comprising the steps of: receiving a query; when the query is a fully qualified query, transforming a target to string to form a fully qualified hashing code (Section A Simple Site Mapper, DOM emulation); performing an associative lookup in a map index using the fully qualified hashing code (Section A Simple Site Mapper, hash of directories);; returning a map offset (Section A Simple Site Mapper, DOM emulation); returning a data couplet (Section A Simple Site Mapper, DOM emulation)."

These passages of Hampton are not explicit about "search." Nevertheless, it is well known to use such queries as "search" for the motivation of finding the desired documents.

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to modify Hampton for the motivation noted in the previous paragraphs so as to teach the claimed invention.

Regarding claim 2 (XML handling, etc.) such features are well known in the art for the motivation of efficient document handling. Regarding claims 3, 4, 5, such various features regarding handling of documents features are well known in the art for the motivation of efficient document handling. Regarding claims 6-17, such various dictionary uses, windowing, etc. are are well known in the art for the motivation of efficient document handling.

Regarding claim 18. A method of performing a ... of a numerical DOM comprising the steps of: receiving a query; transforming the query to form a fully qualified hashing code; performing an associative lookup in a map index using the fully qualified hashing code (Section A Simple Site Mapper, hash of directories); and returning a map offset (Section A Simple Site Mapper, DOM emulation).

These passages of Hampton are not explicit about "search." Nevertheless, it is well known to use such queries as "search" for the motivation of finding the desired documents.

Hence, it would have been obvious to those of ordinary skill in the art at the time of the claimed invention to modify Hampton for the motivation noted in the previous paragraphs so as to teach the claimed invention.

Regarding claims 19, 20, 21, 22, such various features regarding handling of documents features are well known in the art for the motivation of efficient document handling.

Conclusion

The art made of record and not relied upon is considered pertinent to applicant's disclosure. The art disclosed general background.

Points of Contact

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

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or faxed to:

(703) 746-7239, (for formal communications intended for entry)

Or:

(703) 746-5606 (for informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Jung whose telephone number is (703) 308-5262 or Greg Morse whose telephone number is (703) 308-4789.

David Jung

A handwritten signature in black ink, consisting of a large, stylized loop followed by a long, horizontal, slightly wavy line extending to the right.

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Patent Examiner

8/9/04

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